

Ser	Nomenclature & Specification	A/U	Qty	Unit FOB	Total FOB	Freight	Total CFR
01.	<p>Gilding Metal Clad Steel Strip (G.M.C.S. Strip) Size= 3.1-0.1X139.5-2X1200~2000 mm (Length of GMCS Strip 1000~1200 mm may be accepted not more than 5% of the total quantity)</p> <p>Technical requirements. Coating Gilding Metal (Brass 90 clad on both sides) Chemical composition of coating: Copper=88~91%, Zinc=Remainder The thickness of Brass 90 sheet for each side should be 3.4 to 4% of the thickness of the flat steel</p> <p>Base metal: Hot rolled flat steel.</p> <p>Technical requirements. Base metal composition: C=0.11-0.19%, Mn=0.35-0.55%, Al=0.02-0.08% Si=Not more than 0.06%, Cr=Not more than 0.15% Cu= Not more than 0.20%, S= Not more than 0.04%, P= Not more than 0.035%, Ni=Not more than 0.30% Total Sulfur + Phosphorous= Not more than 0.07%</p> <p>Mechanical Properties: Ultimate tensile strength (UTS) = 31~40 Kg/mm², Elongation ≥ 29%</p> <p>Condition: a. Tender sample of Raw Material 04 (Four) pieces & Length 750 mm (min) to be submitted for necessary chemical, mechanical & functional test with the offer. Otherwise the offer will be canceled. b. Country of Origin : Group B. c. Country of Manufacturer : Group B. d. Name of Manufacturer : To be mentioned. e. Port of Shipment : Country of Manufacturer. f. Pre-Shipment Inspection: i. PSI of the stores will be carried out by 03 (Three) Members {02 (Two) members from BOF & 01 (One) member from IA&E} for a period of 05 (Five) workings days excluding journey period. ii. Supplier must submit details plan of PSI (Modus Operandi). iii. Supplier must also mention PSI cost to be borne by them at their end.</p>	Kg	5,00,000				

Terms & Conditions

Supplier must mention their compliance on the following mentioned points :

1. A principal/manufacture can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacture will be **treated as rejected**.
2. To ensure unhindered LC handling the principal must provide a certificate to confirm that their LC operating bank has RMA (Relationship Management Agreement) with the local Banks of Bangladesh
3. Supplier must clearly mention (in the technical offer) that as principal/manufacture they poses necessary export permit from the concern ministry or any other authority of their country. They must also submit a certificate in this regards as per the attached specimen format at Annex G.

RESTRICTED

4. Before signing the contract, Performance Guarantee @ 10% of total LC value is to be submitted by the Principal in favour of Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Gazipur through any scheduled Bank located in Bangladesh (As per the format at Annex E).
5. A separate **certificate should be provided** by the principal **originally signed** (Computerized or digitally edited signature will not be accepted) stating that they are aware of the requirement of the PG and if the contract is awarded they will be bound to provide the PG as per the format at Annex F.
6. The stores should be supplied to BOF at **supplier's cost**.
7. On arrival of the stores at BOF, the supplier must complete installation, commissioning, trial run & trial production within 01(one) month (from the date of entry at BOF). Otherwise, penalty will be imposed at the rate of 2% but not less than 1% and will not exceed 10% of the total CFR/LC value (As applicable).
8. If the supplier fails to deliver the stores within the stipulated period, the followings will be applicable:
 - a. Cancel the contract and/or,
 - b. Decision at the discretion of BOF.
9. Inspectorate is the authority in all matters pertaining to Inspection. Any verdict by the inspectors regarding rejection, acceptance, and /or deviation of machine involving price reduction will be treated as final and will not be subject to arbitration.
10. The Supplier must submit the following **attested documents** with the schedule :
 - a. **Trade License**
 - b. **Tin Certificate**
 - c. **Up to date VAT Registration certificate.**

GENERAL AND OTHER REQUIREMENTS OF GILDING METAL CLAD STEEL STRIP (GMCS STRIP)
SIZE: (3.1-0.1×139.5-2×1200~2000 MM)

1. **General Requirements.**

- a. The store should be as per specification, brand new, fresh, free from any defect/ damage (i.e. rust, crack spot, pitted) and suitable for end products. In this regards certificate should be provided along with the offer & stores.
- b. Tender Sample of Raw Material 04 (Four) pieces & length 750 mm (min) to be submitted for necessary Chemical, mechanical and functional test.
- c. Charge of all tests (if any) should be borne by the supplier.
- d. Copies of all certificates, shipping documents, Bill of lading, Proforma Invoice and packing list should be submitted to IA&E by BOF with MI Slip.
- e. The store must be suitable for use in tropical climate. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- f. The year of manufacture of the store should be of current year. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- g. All marking and other details should be in distinct English language.
- h. All certificates and letter of authorization should be original and in English language.
- j. The store should be safe in storage, transportation etc and should not cause any health hazard. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- k. Quality control and inspection certificate should be provided by the manufacturer along with the stores.
- l. Guarantee Certificate for supply of stores as per offer to be submitted by the manufacturer along with the offer.
- m. Warranty and Shelf Life Certificate by the manufacturer as mentioned below should be furnished along with the offer and store:

(1) **Warranty Certificate.** The store supplied is brand new, free from impurities and that in the event of any shortage, defects/damages being found after inspection the store should be replaced by the supplier at their own cost within 04 (four) months of the case arises. The warranty period of the stores will be 12 (twelve) months from the date of issue of "Inspection Note" by IA&E.

(2) **Shelf Life Certificate.** The shelf life of store will be minimum 10 (ten) years under normal storage condition and will be suitable for tropical climate. If the store is found defective within the shelf life of the store must be replaced by the supplier at their own cost (CFR basis) within 04 (four) months of the case arises.

2. **Packing :**

- a. GMCS Strip should be wrapped with moisture proof paper/oil paper for long time preservation. Then packed in bundle within range of 70~80 Kg and finally packed in a wooden box of which total weight should not be more than 02 (two) tons. The packing to be such that the quality and characteristics of the GMCS strip will not be changed at least 10 (ten) years.
- b. The store should be securely packed with sea worthy packing and clearly marked for safe transit by air/ sea. The packing and marking to be done by the supplier so that stores are not affected by sea water, rain water, damp weather and during transportation.

3. **Marking on the Packing Box :**

a. Following marking to be stenciled on the front side of the box:

- (1) Consignee : Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Bangladesh.
- (2) Contract number & date.

b. The lateral side of box should be stenciled with the following marking:

- (1) Lot number.
- (2) Box number
- (3) Name of product.
- (4) Dimensions (thickness, width & length).
- (5) Net weight.
- (6) Gross weight
- (7) Name of manufacturer.
- (8) Date of manufacture.

4. **Inspection Certificate :** Final inspection certificate from the manufacturer should be provided along with the store by the supplier and should be mentioned in the tender.

5. **Pre-Shipment Inspection (PSI) :**

a. Pre-shipment inspection (PSI) will be carried out jointly by BOF and Inspectorate of Armaments & Explosive (IA&E) at the discretion of BOF authority. The team may be comprised of 03 (Three) members {02 (Two) members from BOF & 01 (One) member from IA&E} for a period of 05 (Five) working days excluding journey period. The cost incurred by BOF PSI members will be borne by BOF and cost of IA&E PSI member will be borne by Bangladesh Army. Supplier should inform about the date of PSI at least 12 (Twelve) weeks to 15 (Fifteen) weeks (in respect of time required for obtaining visa of respective country) prior to the exact date of carrying out of PSI.

b. The PSI will be carried out at manufacturer`s factory premises. PSI should include visual inspection/checking of physical dimension laboratory chemical/functional test of certain component and stage inspection/inspection of production line of same/similar type of item. All the equipment required for PSI team will be provided by the supplier.

c. PSI team will accept the stores provisionally, if the stores are found as per contractual requirement.

PSI report will be vetted by both the vetting committee of BOF and IA&E.

d. If any deficiency/discrepancy found during vetting of PSI report, then deficiency/discrepancy items will be filled up or rectified by the supplier and will forward completion certificate to BOF. Then shipment clearance will be given by BOF. After necessary rectification 2nd PSI may be held, if deficiency/discrepancy items are major in nature. In that case supplier will bear all PSI cost including Daily Allowance (DA) of the PSI team members.

6. **Post-Shipment Inspection:** The stores on being received at the consignee's end will be inspected by Inspectorate of Armaments & Explosive (IA&E). The inspection team will carry out visual inspection of the stores, chemical, mechanical, functional and firing test. IA&E will issue final inspection report after the completion of visual inspection, chemical, mechanical, functional and firing test.

7. **Part shipment :** Part shipment is not allowed.

8. **Trans shipment:** Trans shipment is not allowed.

9. **Authority Holding Sealed Particulars :** IA&E, Gazipur Cantonment.

10. **Inspection Authority:** Chief Inspector, IA&E or his authorized representative.

11. **Country of Origin :** Group B Countries.